

What is claimed is:

1. A data communication apparatus, which transmits image data to the other end, comprising:

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5         a first communication portion for a first form of image
data communication;

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a second communication portion for a second form of image data communication; and

a transmission controller for selecting one of the first
10 form and the second form in accordance with information
indicating a color reproduction range of image output in the
other end, wherein the image data are transmitted to the other
end by the first or the second communication portion
corresponding to the selected form.

15 2. The data communication apparatus according to
claim 1, wherein the transmission controller decides the
inclusion relation between the color range of the image data and
the color reproduction range and selects one of the first and the
second communication portions.

20 3. The data communication apparatus according to
claim 2, wherein the first form is facsimile communication, the
second form is E-mail communication, and the transmission
controller selects the facsimile communication if the color range
is within the color reproduction range, and otherwise selects the
25 E-mail communication.

4. The data communication apparatus according to claim 2, wherein the transmission controller selects the facsimile communication without deciding the inclusion relation if the image data are monochromatic data.

30 5. A data communication apparatus comprising:

a communication portion for receiving image data;
a memory for memorizing received image data;
a printer for printing the received image data; and
a reception controller for deciding whether the image

5 data are to be printed or to be memorized without being printed
in accordance with the color range of the received image data.

6. The data communication apparatus according to claim 5, wherein the reception controller decides to print the image data if the color range of the received image data is within the color reproduction range of the printer, and otherwise decides to memorize without printing.

7. The data communication apparatus according to claim 5, wherein the communication portion performs at least one of a facsimile reception and E-mail reception.

15 8. The data communication apparatus according to
claim 5, wherein the reception controller decides to print the
image data regarding that the color range is within the color
reproduction range of the printer if the received image data are
monochromatic data.

20 9. A data communication method for transmitting image
data from one end to the other end, the method comprising:

a transmission control step of selecting one of a first form and a second form, which is different from the first form, in accordance with information indicating a color reproduction range of image output in the other end; and

a communication step of transmitting image data to the other end in the first or second form selected by the transmission control step.

10. The data communication method according to claim
30 9, wherein the transmission control step includes the step of

12, wherein the communication step includes the step of performing at least one of facsimile reception and E-mail reception.

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